Collection No. 47
J.H. Calaby
23/10 – 1/11/53.
W. Aust.

Acridid Notes
Box 1

20 ml. E. Bullsbrook. 11 Oct.
3 Acridids — A.R. Main leg.

Proceeding North On main Geraldton highway. 23/Oct/53.
Bindoon 23171.
Collected at 23187
3 flies, 10 acridids
Cedarinia sp., Coniacea sp., Peakesia brunnea
Jarrah and wandoo, partly cleared, on laterite soil. A fair understratum of scler shrubs, rather stunted.

Moora — 240
Speedo cable broke at 249
Austroicetes cruciata
249 — 1 A. cruciata, 1 fly.
N.B. There is another 23249 North of Geraldton where new speedo cable replaced.

1 ml. N. Watheroo
10 flies, 9 Acridids.
Loose light coloured sand. Banksias and other shrubs with leaflitter. Much bare sand.

7 ml. N. Watheroo
19 flies, 16 acridids, 1 Moraba
hard stony rise with good covering of stunted scleroph. shrubs and sparse cover of stunted mallee

2 ml SW. Marchagee.
14 flies, 6 acridids, 1 Moraba
Pseudna nana (♂)
light-coloured loose sand with Actinostrobus, "Woody pear", Banksia, etc, and smaller scler. shrubs.

Box 1. contin.

2 mls W. Strawberry.
low sand-plain heath community on light coloured sand. 2 Acridids.

Irwin.
River Bed with Eucalyptus rudis, Casuarina sp., and long dry grass.
1 Acridid, 1 wasp, 10 Scarabs.

Box 2.

From Geraldton north up Carnarvon Rd. 24. Oct!

23249a ~~Fe~~ put in new speedo cable.]

Sclerophyll. shrubs and grass on a stony hill slope (Cedarinia sp., Capesiala sp., Corymbia sp., Genus nov. 16(?), Urnidsa rugosa, Chotoicythis hermanniflora, Austrofictes villgans, Corallipes) in Moresby Flat-topped Range.
28 Acridids.
[A beautiful n. sp. congeneric with the furry genus which is associated with a Scaevola sp. in Kings Park. This n. sp. is also associated with one particular shrub, in this case a Solanaceous plant. Specimen (Keraudrenia hermanniaefolia J. Day (Sterculiaceae)) taken.]

Northampton	259
Galena	299
Murchison R.	300

Coll. at 306
5 Acridids, 2 wasps.
The A. cruciata (Austrofictes cruciata) were fairly plentiful but not particularly dense – Max. of 1 per sq. yard.
Sparse Acacia scrub with much dry grass and dry annual herbs (Helipterum mostly)

Box. 2. Contin.

Coll. at 23309.

Mallee and Acacias on red sandy soil. Much bare sand. (Ummisella rubropunctata)

4 Ummisella, 1 wasp.

Coll. at 23323.

Mallee and smaller shrubs (Acacias and other spp.) and a hard spiky Triodia-like grass. Much bare sand. (Gonaica sp., Genus nov. 48, Ummisella rubropunctata, Ummisa guttulosa)

15 Acridids, 2 Buprestids, 2 wasps.

No. 8 Tank. 330.
No. 7 Tank. 354.

Collected at 23363

Mostly Acacia scrub, an odd Eucalypt. Much dried grass and dried annual herbs. (Caperrala sp., Ummisa guttulosa, Austroicetes arida)

7 Acridids.

Collected at 23378.

Red sandy soil with limestone rocks protruding. Acacia scrub with dried grass and dry annual herbs. (Caperrala sp., Genus nov. 42, Comphustes sp., Ephantus sp., Peakesia sp., Stropis sp., Ummisa guttulosa)

17 Acridids

Large Wooden Box

2 Turned Back towards Northampton at 23378

Collected at 23386

Gonaica sp., Apotropis sp., Urnisiella rubropunctata
Acacia scrub with smaller shrubs and some Eucalypts. Much dried grass and dried annual herbs.

5 Acridids

25 October

No 7 Tank - 399

Collected at 23402.

Capesala sp., Compositae sp., Apotropis sp., Urnisiella rubropunctata, Urnisa guttulosa
Mallee with smaller shrubs and a few dried off herbs on red sandy soil. Much bare sand

9 Acridids, 4 wasps

Note. One Acridid specimen with the head and mandibles of a termite soldier embedded in its thigmina. This termite is a new species of Coptotermes discovered by me on this trip.

Tank No. 8 423

Collected at 23436.

Capesala sp., Genus nov. 43 Range and Macrolobakia sp., Pastillana sp., Compositae sp., Gonaica sp., Genus nov. 31, Peaktsia sp., Tapesta sp., Urnisa guttulosa, Austroicetes arida
Eucalypt trees and ~~small shrubs~~ small shrubs, a few patches of dried off grass and herbs. Much bare sand. Plentiful bark-litters under trees.

29 Acridids, 9 flies, 4 wasps

Murchison River 454

Galena 455.

Collected at 23467

Cirphula sp. n., Urnisiella rubropunctata, Urnisa guttulosa, Azelota sp.
Typical sand plain flora, mostly short shrubs on light yellow sand.

10 Acridids, 2 flies.

Northampton 494.
turned W along Nokenena Brook Rd. at 495
collected at 23503
Oct 26. = 3 Scarabs

From Geraldton to Morawa via Mullewa
left. Geraldton 543
Oct 26. Collected at 23571.
25 Acridids, 1 Eumastacid, 1 fly.
Moraba sp. n. ?, Cedarinia sp., Cisphuta sp. n., Ecphantus sp.,
Typical sand plain heath on light-coloured sand
Urnisa rugosa, Austroicetes frater
However practically all Acridoids collected on an "island" laterite ridge with a generally different shrub community and a little grass. "Kingsparkacris n. sp. 2" here again on the same "special plant" only.

Collected at 23600 [16 Acridids, 1 Eumastacid, 10 flies, 1 wasp.]
Moraba sp. n. ?, Conicica sp., Genus nov. 50, Genus nov. 35,
Yellow-brown sand with mallee and sclerophyll
Urnisiella rubropunctata, "Urnisa rugosa
shrubs. much bare sand. Kingsparkacris sp. n. 2"
Keraudrenia hermanniaefolia J. Day (Sterculiaceae)
here again on same "special ~~food~~ plant" only.
(Specimen of plant taken.)

Mullewa 23606

Collected at 23637 10 Acridids, 1 fly, 1 wasp.
Capessala sp., Genus nov. 43, Peropulia sp., Apotropis
Red stony soil. Eucalypt trees and various shrubs with
sp.
a plentiful cover of dried grass and annuals

Morawa 23668.

Collected at Morawa. (26 Acridids)
Capessala sp., Genus nov. 43, Peropulia sp., Genus nov. 16 (?),
Buforania from an area of Acacia scrub with much bare sand.
Genus nov. 35, Apotropis sp., Austroicetes arida
Other stuff from a patch of Eucalypt trees with some
shrubs and a fair amount of dried grass and annual
herbs.

27 October.

Collected at 23737.

[9 Acridids, 1 fly.]

Goniaea sp., Austroicetes frater, A. arida

Austroicetes in a small patch of drying off Danthonia on the edge of an area of Gimlet with practically no understratum.

Trip to Pingrup, etc.

~~Oct. 8~~

October 30

2 ml. SSE Highbury — 1 Tabanid

14 ml. E Katanning — 1 Tabanid.

5 ml (due) N of Nyabing. (Speedo = 24206)

2 Coryphistes. Coryphistes sp.

These were collected in a patch of salmon gums and yate with sparse shrub cover beneath.

Lake Magenta track due E of Pingrup.

Oct. 31 Pingrup — 24237

Collected at 24252.

6 Acridids.

Genus nov. 48, Austroicetes cruciata

Several acres of short seeding grass in a ~~f~~clearing in the mallee scrub.

Collected at 24261.

Azelota sp.

1 Acridid — Small open area in mallee scrub with sparse grass and odd small shrubs.

Collected at 24274.

Large patch of seeding grass with some shrubs and salmon gums, encircled by mallee scrub.

9 Acridids,

Turned back on same track at 274.

Nov. 1

Coll. at 24294.

Salmon gum and mallee with sparse understratum of shrubs.

1 Acridid, 2 cockroaches

Collected at 24295.

Several acres of ~~dense~~ seeding short grass with odd patches of mallee.

11 acrididds, 7 flies.

Collected at 24297

Typical sand plain vegetation (short flowering shrubs) on loose light-coloured sand.

2 acrididds, 2 Eumastacids, 2 beetles, 20 flies.

Collected at 24300.

4 beetles, 2 wasps, 7 flies.

Pingrup — 24310.

Left Nyabing 336, went ENE for 11 miles, due N for 5 mls, then due W for 4 miles. Collected at 24356

Salmon gum and mallee with a generally grassy understratums.

2 Acridids, 8 Tabanids.

1 Tabanid, collected at Nornalup, 28 Oct. 1953 by A.R. Main.